

2016 HRMC high-risk or high-alert medications

- Physician order verification
- Medication 5-rights [Right patient, Right drug, Right route, Right time, Right dosage]
- **Independent Checks:**

Must document that independent check was completed in appropriate area (MAR, flowsheet, etc.)

Two RN's (or LPN/RN combo) must independently perform & document verification of below

- IVPB & drips: **must be infused through primary line (NO other IVPB or IV drip on same pump)**

MAR = Medication Administration Record (includes eMAR)

Medication	Information	INDEPENDENT verification: (2 RN's, RN/LPN, or RN/RPh)	Documentation
Argatroban [1mg/mL] IV Drip	-Anticoagulant -Continuous IV drip requiring titration as per PTT or ACT	IV: Initial IV bolus (PCI only) Initial pump setup Subsequent rate change Changing of IV bag (expired/completed/continued infusion)	MAR
Chemotherapy (All injectable routes)	-Requires patient consent before administration -(2) Chemo certified nurses, or -(1) Chemo certified nurse & (1) Pharmacist	All INJ routes of administration ----- IV: Initial pump setup Subsequent rate change Changing of IV bag (expired/completed/continued infusion)	MAR
Oral Chemotherapy	All doses	Requires second RN for administration	
Methotrexate	-(1) Nurse & (1) Pharmacist	Ectopic pregnancy [usually ED]	
*Concentrated Electrolytes	-NaCl >0.9% 3% 500mL - hyponatremia	Not necessary for independent verification. Storage separated by pharmacy.	MAR
Heparin IV & IV drip [25,000unit/250mL]	Includes all IV administration [does not include SubQ doses or for dialysis]	IV: Initial IV bolus Initial pump setup Subsequent rate change Changing of IV bag (expired/completed/continued infusion)	MAR
Insulin IV & IV drip [100unit/100mL]	Includes all IV boluses [does not include SubQ doses]	Initial pump setup Subsequent rate change Changing of IV bag (expired/completed/continued infusion)	MAR (Rate change: IV flowsheet)
Investigational Drugs (All injectable routes)	-Requires patient consent before administration -Medication to be dispensed for 24hr only from pharmacy	All INJ routes of administration ----- IV: Initial pump setup Subsequent rate change Changing of IV bag (expired/completed/continued infusion)	MAR
Magnesium [20gram/500mL] IV drip	Prevention and control of eclampsia; uterine tetany; tocolysis in OB	IV: Initial pump setup Subsequent rate change Changing of IV bag (expired/completed/continued infusion)	MAR
PCA IV (patient controlled analgesia)	Morphine, Hydromorphone	IV: Initial pump setup Subsequent rate change Changing of IV (expired/completed/continued infusion)	MAR & PCA flowsheet
TNKase (tenecteplase) IV bolus	Thrombolytic	IV bolus dose	MAR
TPA (alteplase, Activase) IV bolus, IVPB, Percutaneous IV	Requires consent before administration for Stroke. Percutaneous IV post-angiojet procedure	IV bolus dose Initial IV pump setup ----- Percutaneous IV: rate change. Changing of IV bag.	MAR
TPN (parenteral nutrition) IV drip	Must replace at 22:00 daily	Verification of Order against TPN label ----- IV: Initial pump setup Subsequent rate change Changing of IV bag (expired/completed/continued infusion)	On order form MAR

**Does not require independent double verification*